CLAIMS

1. A green sheet coating material, comprising ceramic powder and a binder resin containing a butyral based resin as the main component; and

furthermore comprising a xylene based resin as a tackifier.

2. The green sheet coating material as set forth in claim 1, wherein said xylene based resin is contained in a range of 1.0 wt% or less with respect to 100 parts by weight of said ceramic powder.

3. The green sheet coating material as set forth in claim 1 or 2, wherein

said butyral based resin is a polybutyral resin; and

a polymerization degree of said polybutyral resin is 1000 or higher and 1700 or lower, a butyralation degree of the resin is higher than 64% and lower than 78%, and a residual acetyl group amount is less than 6%.

4. The green sheet coating material as set forth in any one of claims 1 to 3, wherein said binder resin is contained by 5 parts by weight or more and 6.5 parts by

weight or less with respect to 100 parts by weight of said ceramic powder.

5. The green sheet coating material as set forth in any one of claims 1 to 4, containing dioctyl phthalate as a plasticizer by 40 parts by weight or more and 70 parts by weight or less with respect to 100 parts by weight of said binder resin.

6. A production method of a ceramic green sheet, comprising the steps of:

preparing a green sheet coating material as set forth in any one of claims 1 to 5; and

forming a ceramic green sheet by using said green sheet coating material.

7. A production method of a ceramic electronic device, comprising the steps of:

preparing a green sheet coating material as set forth in any one of claims 1 to 5;

forming a ceramic green sheet by using said green sheet coating material;

drying said green sheet;

stacking dried green sheets via internal electrode layers to obtain a green chip; and

firing said green chip.

8. A green sheet produced by using a green sheet coating material as set forth in any one of claims 1 to 5.